

卷之三

FIG. 1A

FIG. 1B

1511 TTTTGTTCATAGGATCCCACTGGATGGTGAATAAGAAAGACAGAGAAAGGGCTGCTGGTGCCTGTTGGTGTAGCTGCCATGTAAGCTCCTGGACTCGT
436 F V L F H K I P L D G O
1631 GTGGCTTATCCGGGAAGTGCTGCTTATCTGGGTTCTGGTAGATGGCTGTTGGGGCTGTTGGAGCTGCTGATATACTGTGAGGCTGGCATATACTGTGAAAGCCATGGAATGGAAACACCAAATG
1751 CAGAGGTAACCTCAGGGAGCTAAGCAGCTAACAGAAACATGTTAAATTAAATGCTTCAGTAGTTCAAGTAAATACAACACTGAAATGAAATCCATTGGATTGTACTTCCT

FIG. 1C

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FIG. 2B

1600 TCGGTCCTTCAACATAGACAATCATGGATATTAAACTTGAGGACATAGAGATCATCTAGTCCATCAACTCACTATAATAGGAACTCAGCTGAGCTGGAAAGTGCT
498 W V F S N I D N H G I L N L K D N R D H L V P S T H Y I Y E E P E V Q S G E V S
1720 TACCCAAGGTACATGGTTCAAGAGAATTATGTTGAATCCAAATAAGCCTTCCCCAACATCCAAAGCCTCTAACATGGCATCTATGTTGAGGATGTCAGCTTATTCAAGCAAGGA
538 Y P R S H G F R E I M L N P I S L P G H S K P L N H G I Y V E D V N V Y F S K G
1840 CGTCATGGCTTTAACAC
578 R H G F O

FIG. 2C

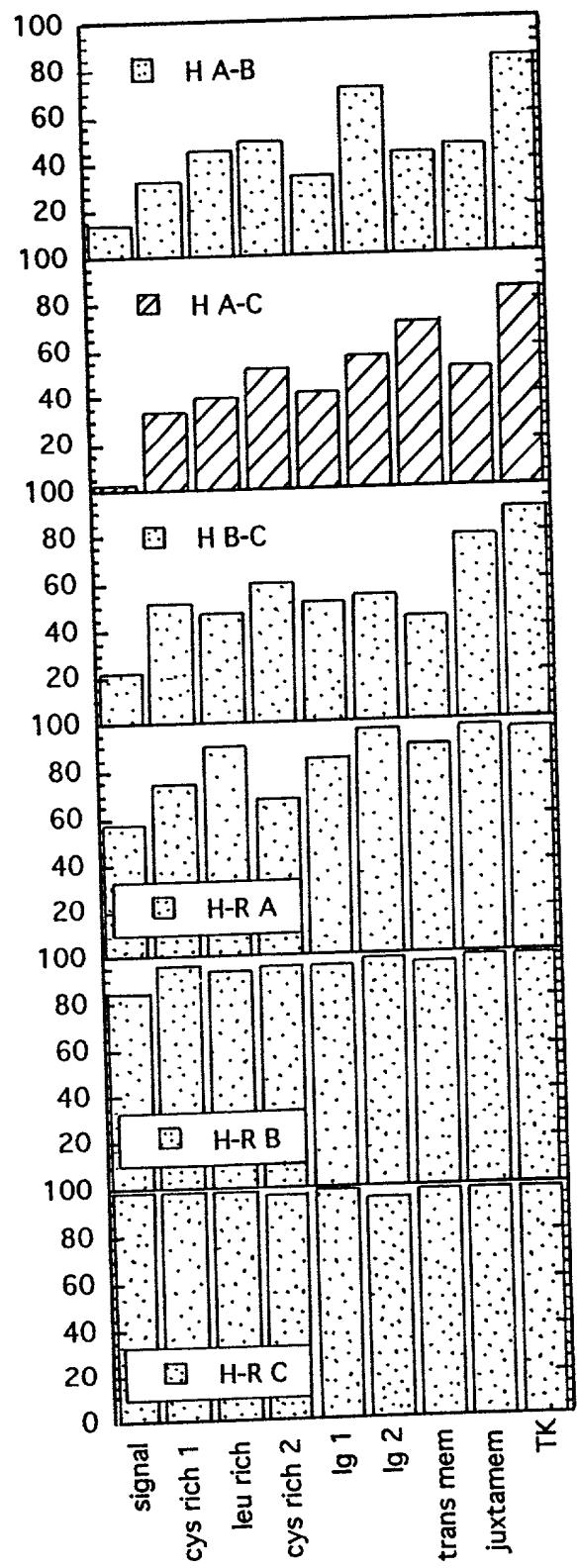


FIG. 3

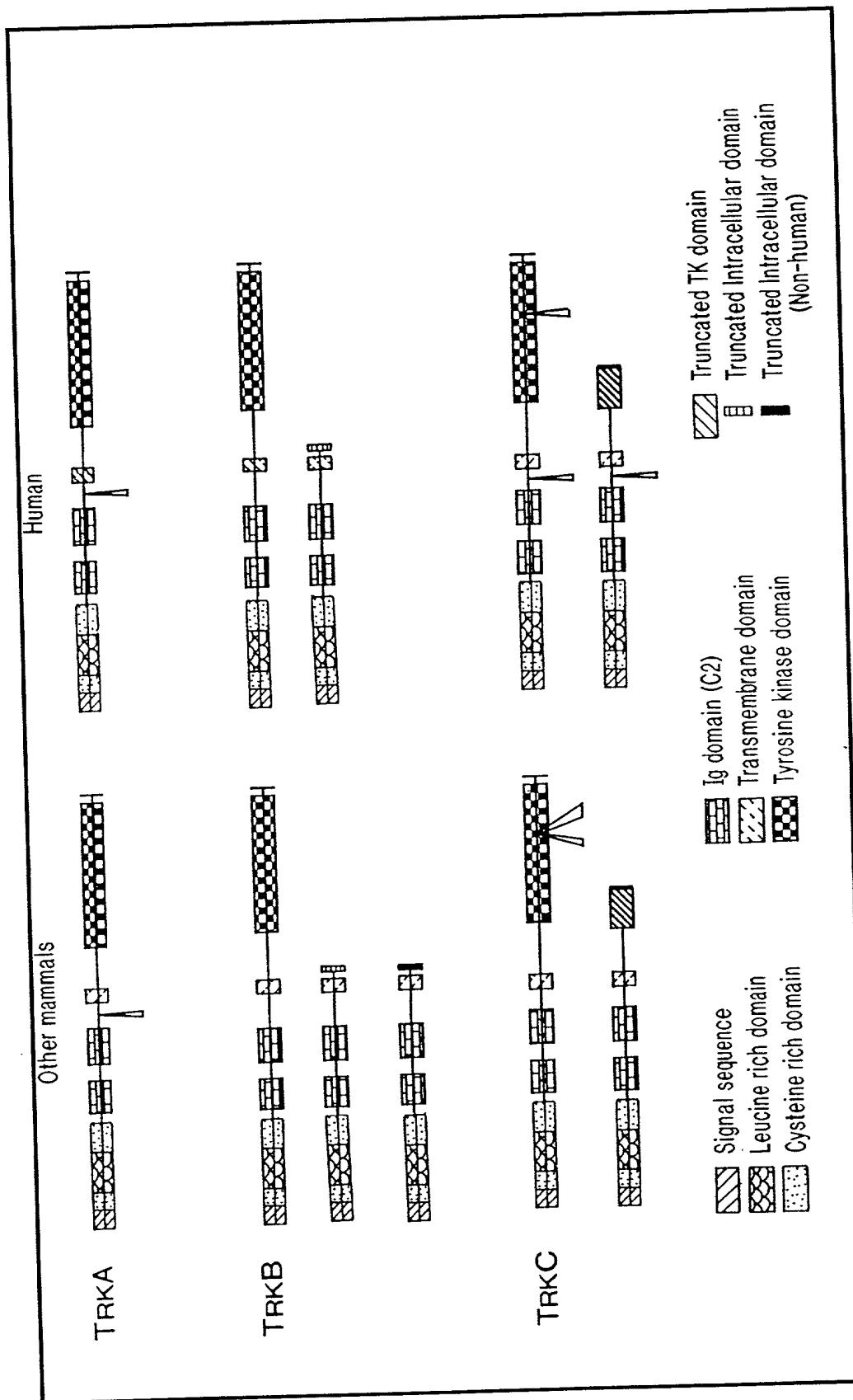


FIG. 4

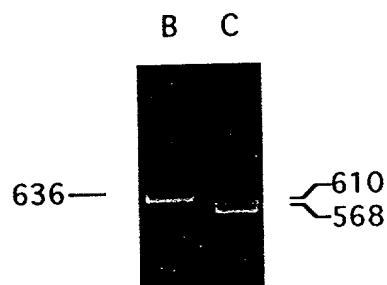


FIG. 5

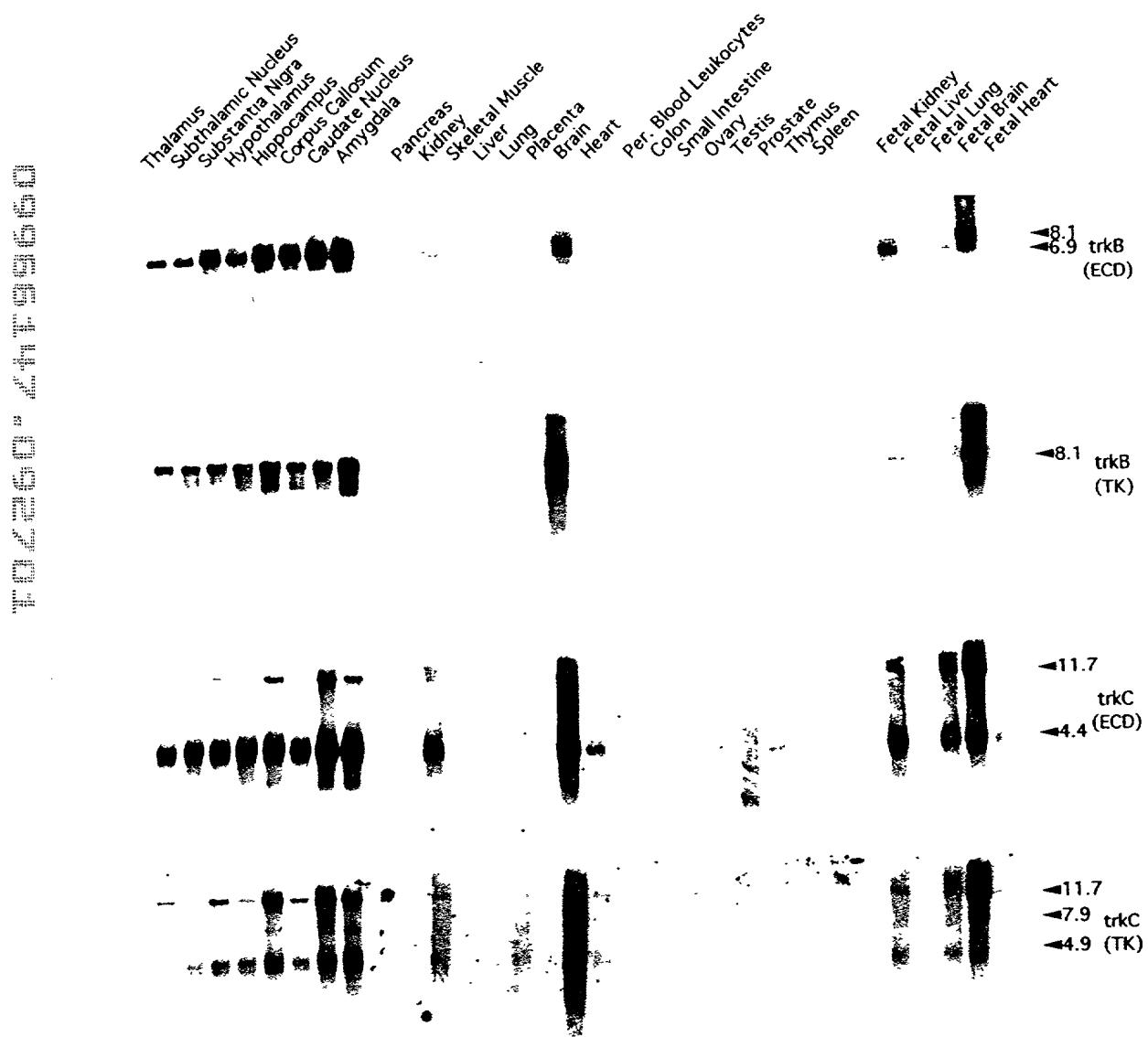


FIG. 6

019266 11472 019266

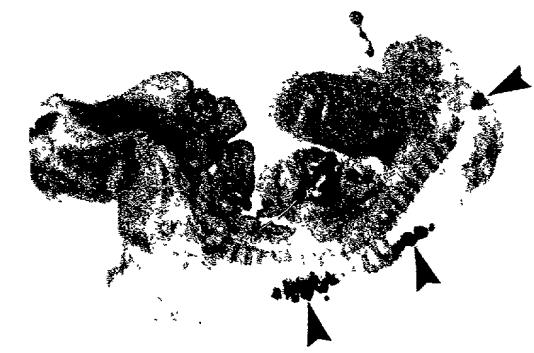


FIG. 7A

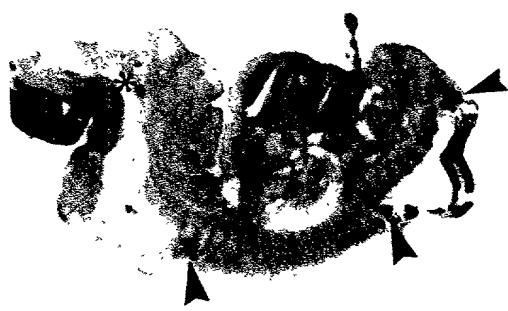


FIG. 7B

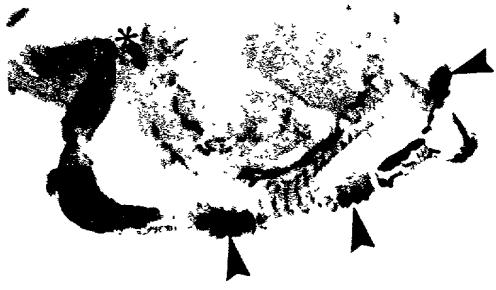


FIG. 7C



P

NBM

FIG. 7D



FIG. 7E



FIG. 8A



FIG. 8B

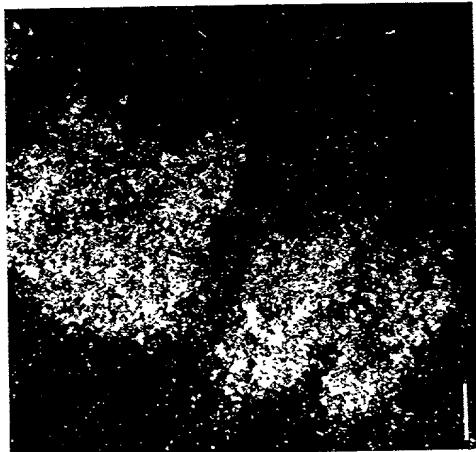


FIG. 8C



FIG. 8D

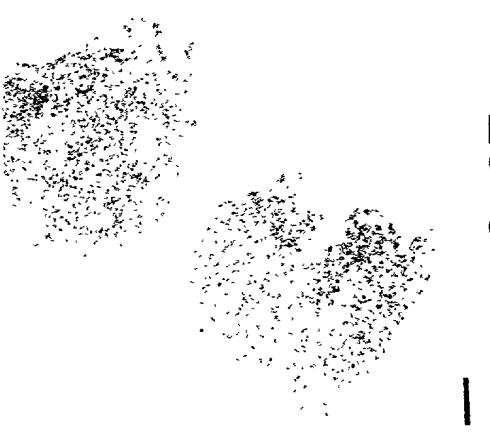


FIG. 8E

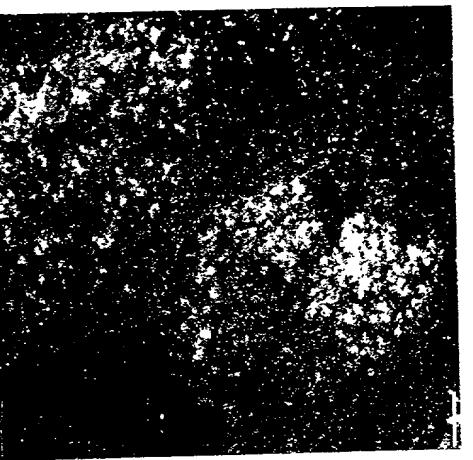


FIG. 8F

20269999999999999999

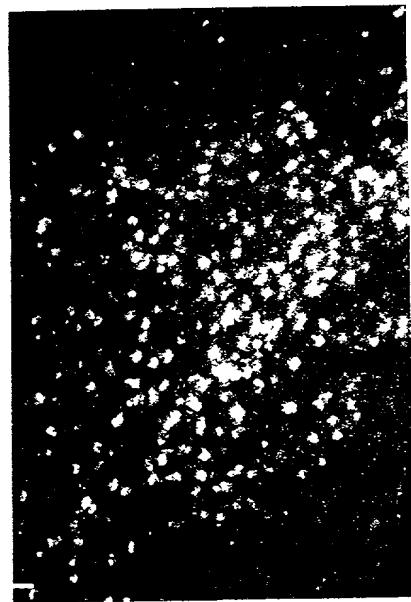


FIG. 9A



FIG. 9B

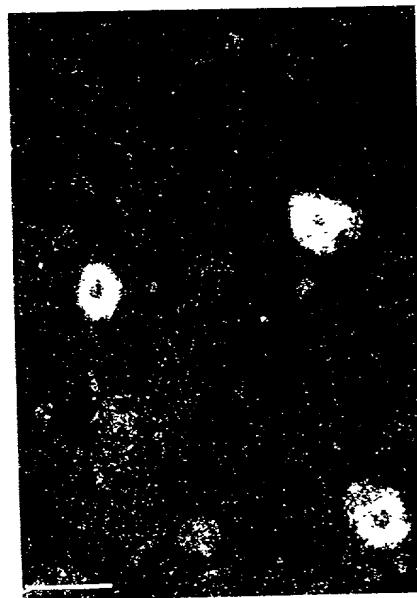


FIG. 9C



FIG. 9D

4325699 999999999999

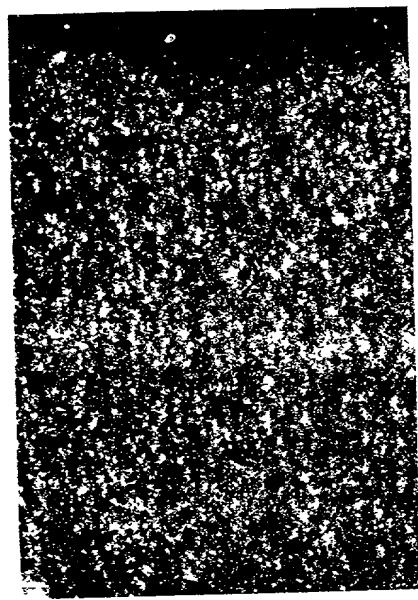


FIG. 9E

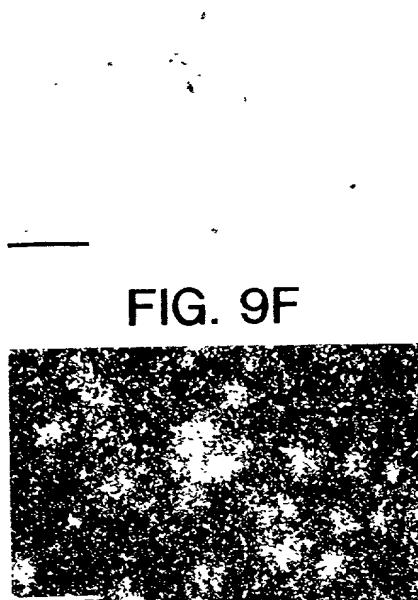


FIG. 9F

FIG. 9G

FIG. 10A

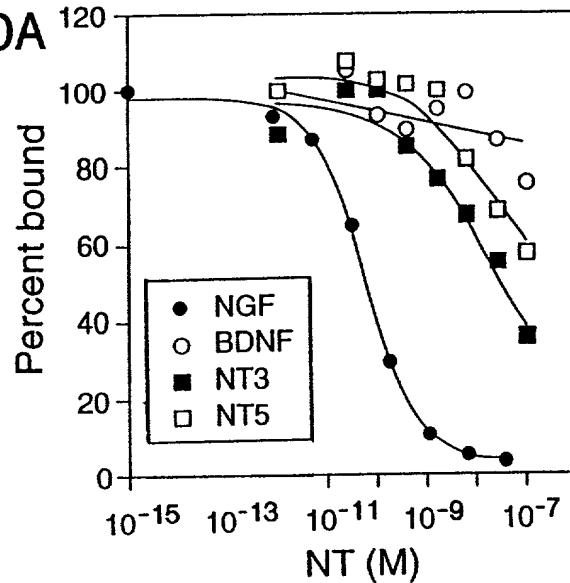


FIG. 10B

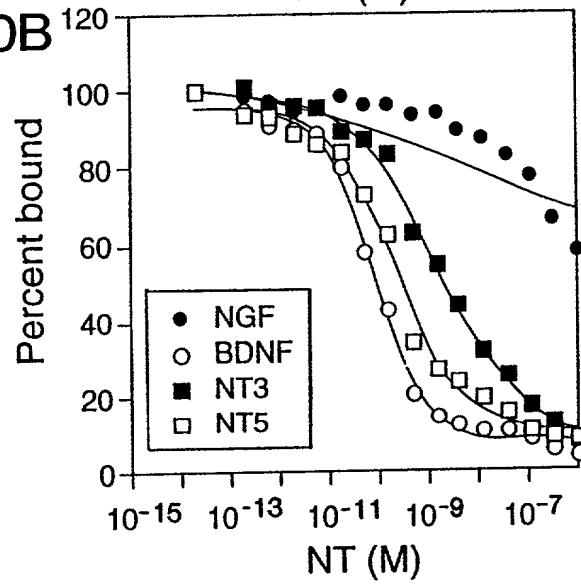


FIG. 10C

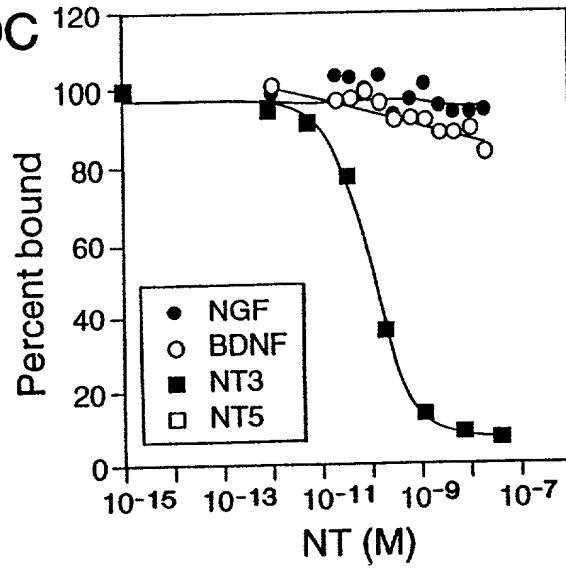


FIG. 11A

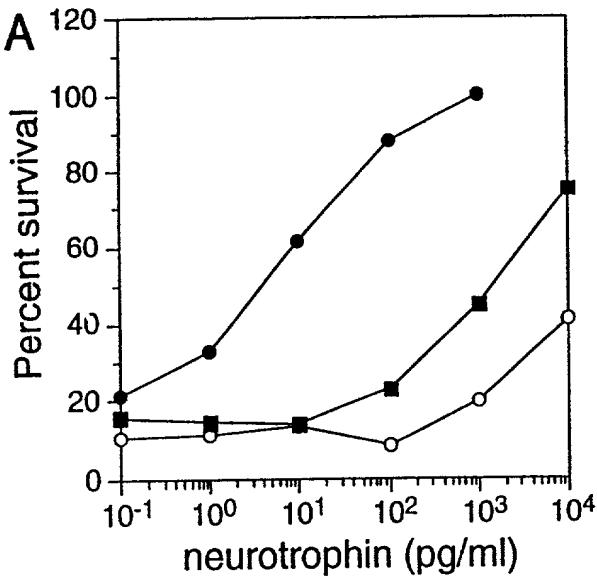


FIG. 11B

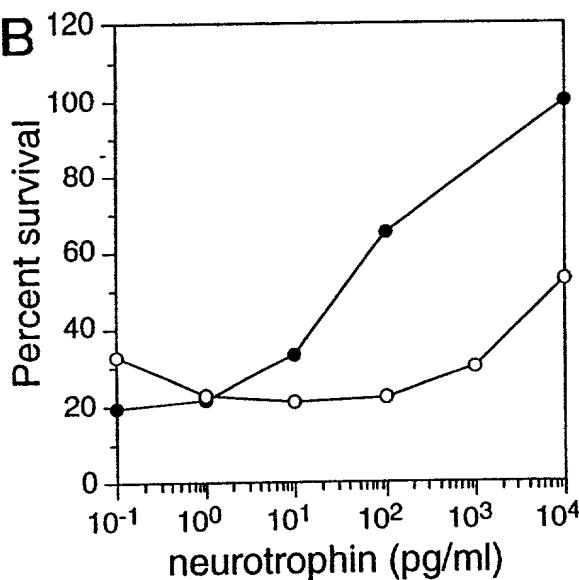
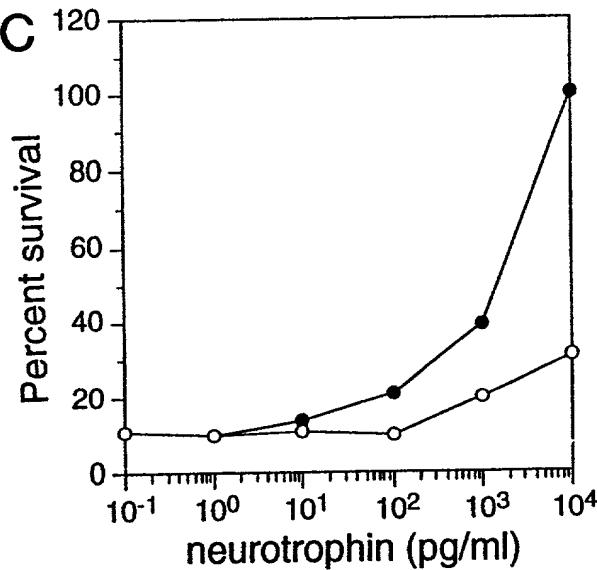


FIG. 11C



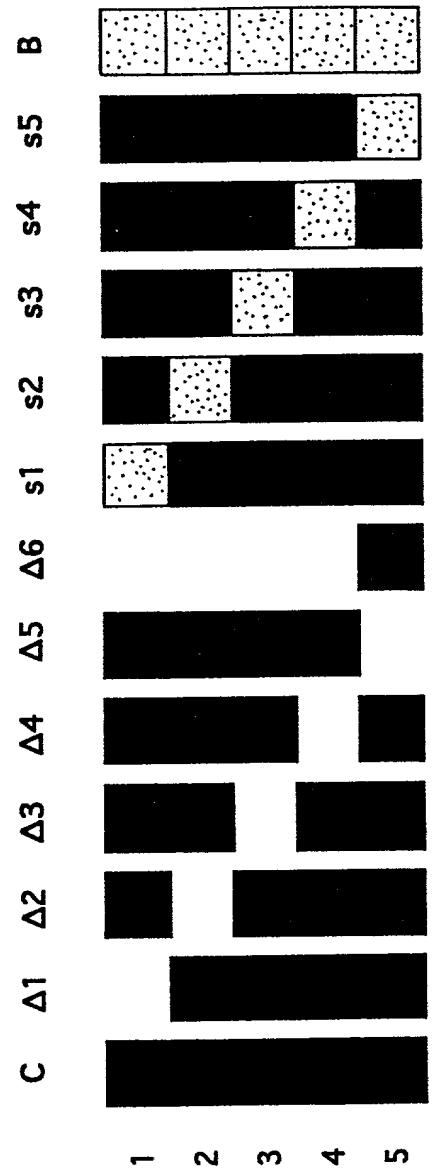


FIG. 12

FIG. 13

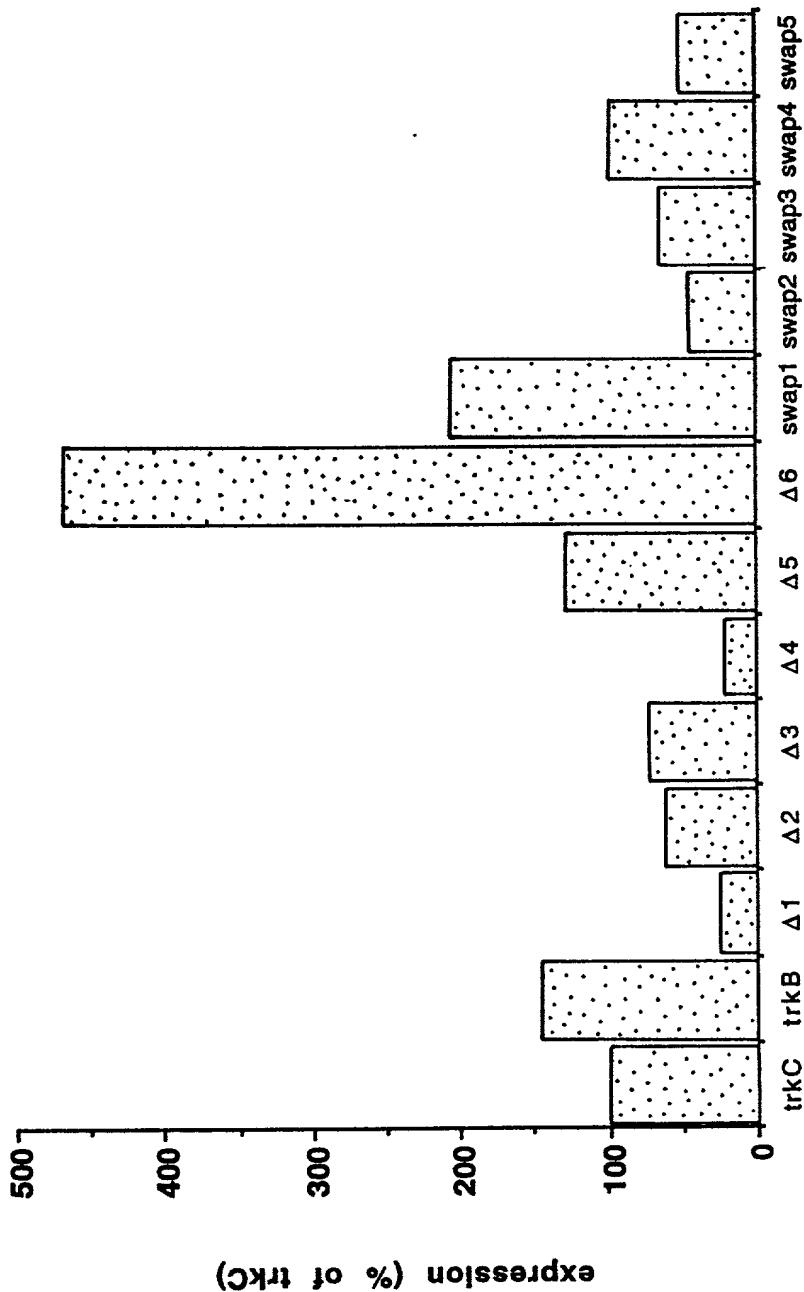




FIG. 14A



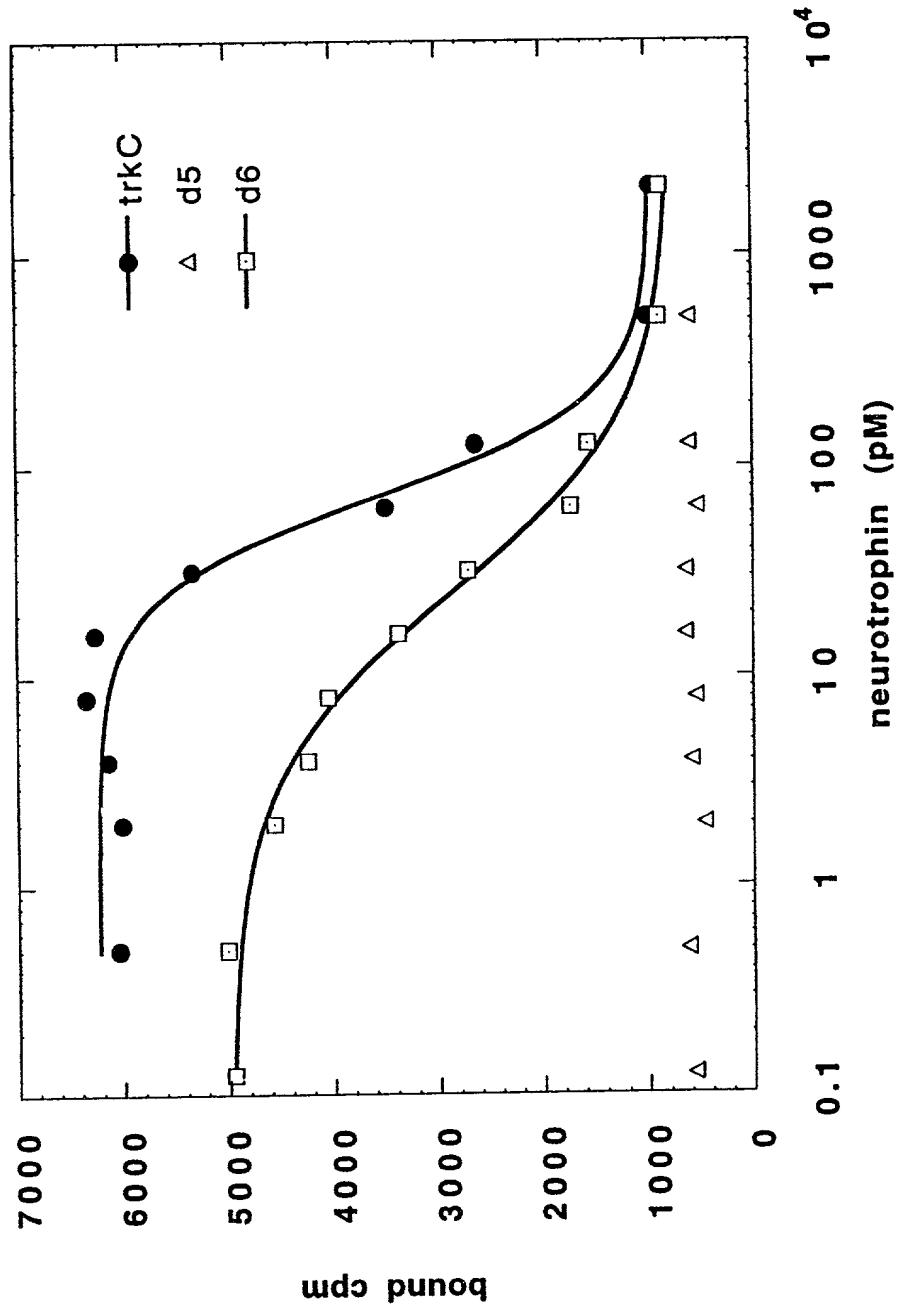


FIG. 14C

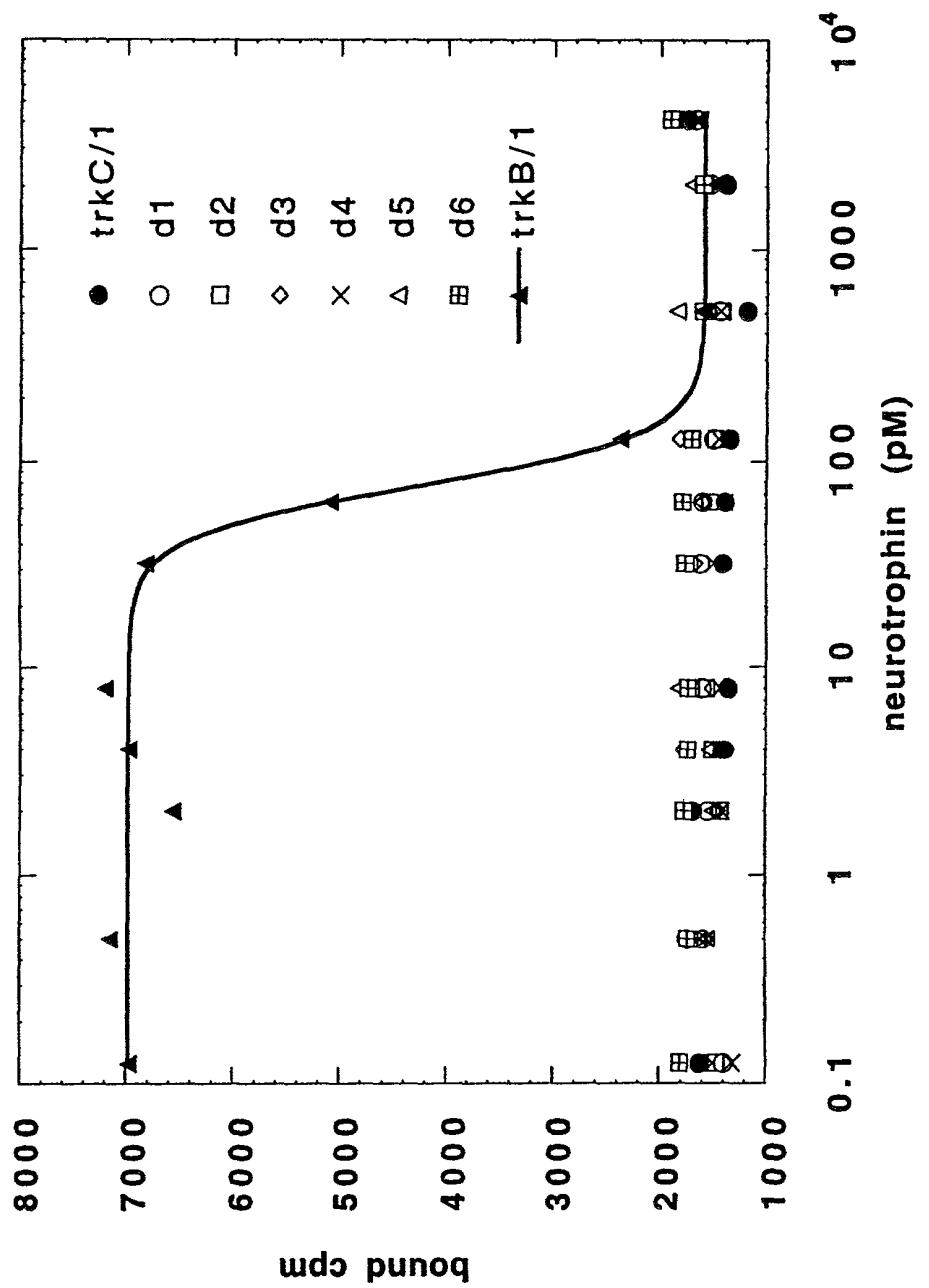


FIG. 15A

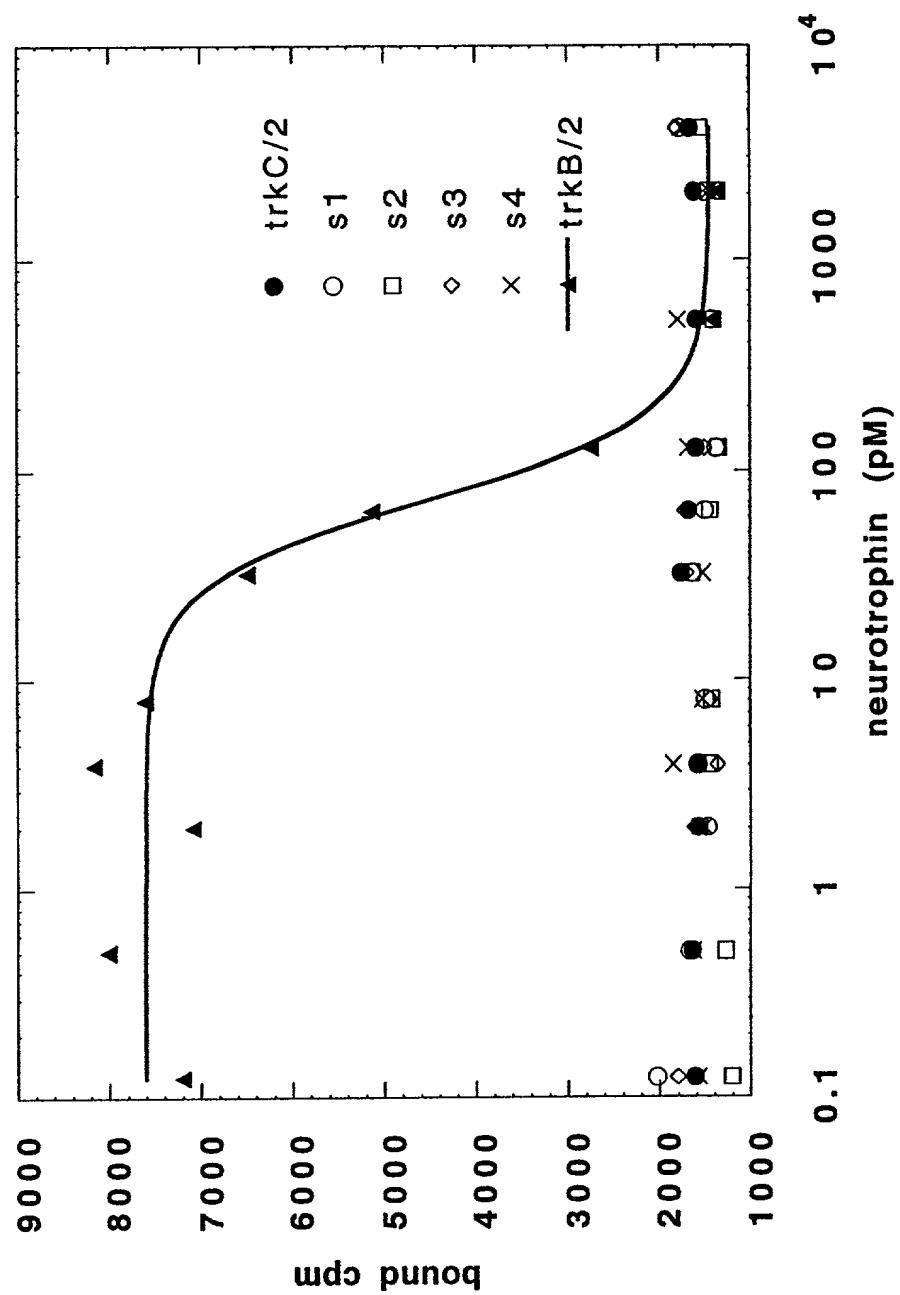


FIG. 15B

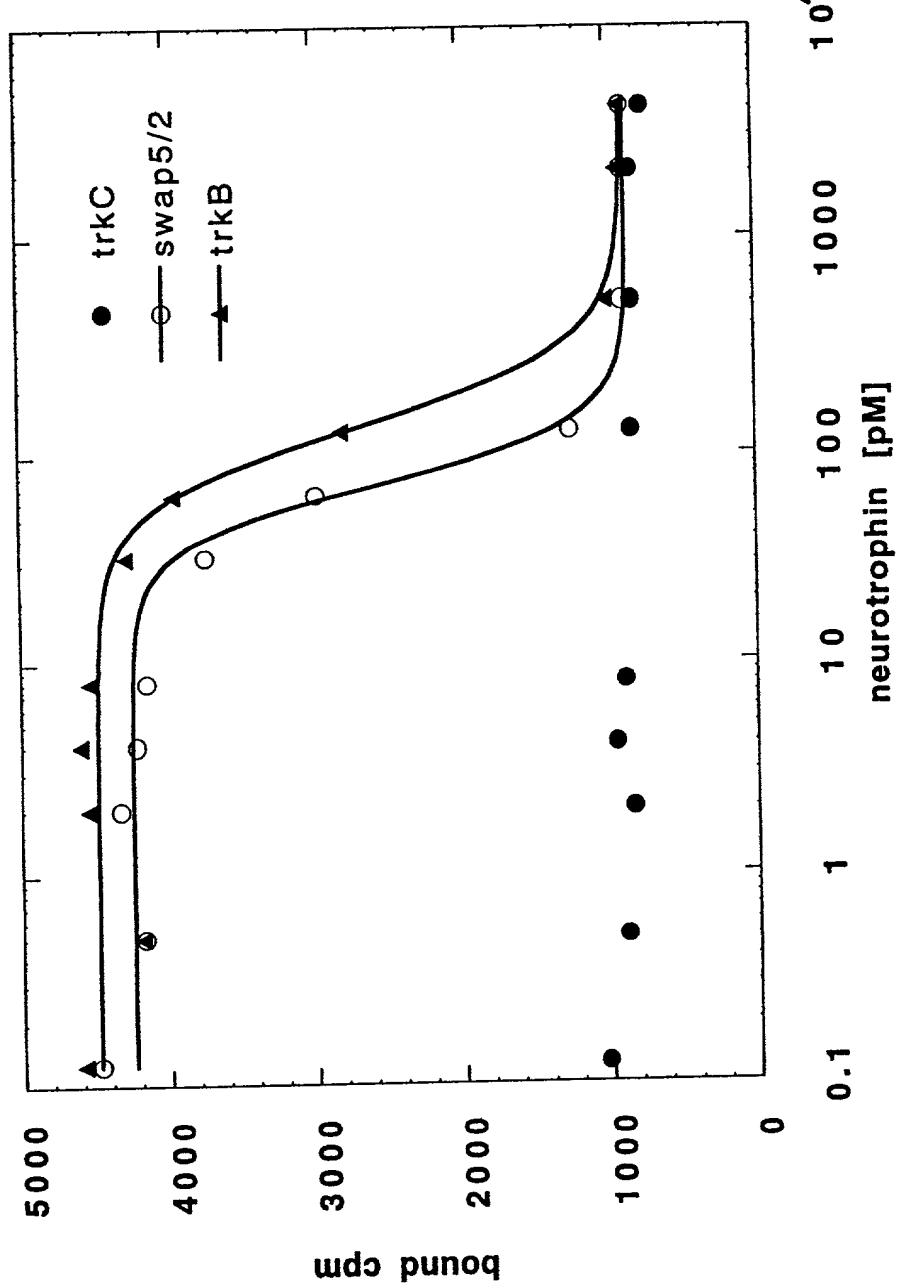


FIG. 15C

Signal

<i>trkA</i>	1	H L R G G R R G O L G W H S W A A G P G S L L L A W L I L A S - - -	A G A A P C P D A C C P
<i>trkB</i>	1	- - - M S S W I R W H G P A M A R L W G F C W L V V G F W - - -	R A A F A C P T S - C K
<i>trkC</i>	1	- - - M D V S L - - - C P A K C S F W R I - F L L G S V W L D Y V G S V L A C P A N - C V	
<hr/>			
Cysteine Rich			
H G S S G L R C T R - D G A L D S L H H L P G - - - - - C S A S R I W C S D P S P G I V A F P R L E P N S V D - - - - - C S K T E I N C R R P D D G N L - F P L L E G O D S G N S N G N A N I N I D I S R N I T S I H I E N W R			
<hr/>			
<i>trkA</i>	78	H L O H L E L R D L R G L G E L R N L I V K S G G L R F V A P D A F H F T P R L S R L N L S F	
<i>trkB</i>	78	R L E I I N E D D V E A Y V G L R N L I V D S G L K F V A H K A F L K N S N L O H I N F T R	
<i>trkC</i>	90	S L H T I N A V D H E L Y T G L O K L I K N S G L R S I Q P R A F A K N P H L R Y I N L S S	
<hr/>			
Leucine Rich II			
N A L E S L S W K T Y O G G L S L Q E L V L S G N P L H C S C A L R W L Q R W E E E G L G V P E Q K L Q C N K L I S L S R K H F R H L D L S E L L I Y G N P F T C S C D I M W I K T L Q E - A K S S P D I Q D L Y C N R L I T L S W Q L F Q T L S L R E L Q L E Q N F F N C S C D I R W M Q L W O E Q G E A K L N S Q N L Y C			
<hr/>			
<i>trkA</i>	178	H G Q G - - - P L A H M P N A S C G V P T L K Y Q V P N A S V D V G D D Y L L R C Q V E G R	
<i>trkB</i>	177	L N E S S K N I P L A N L O I P N C G G L P S A N L A A P N L I V E E G K S I T L S C S V A G D	
<i>trkC</i>	190	I N A D G S O L P L F R M N I S Q C D L P E I S V S H V N L T V R E G D N A V I T C N G S S	
<hr/>			
Cysteine Rich II			
G L E Q A G W I L T E L E Q S A T V H K S - - - G G L P S L G L T I A N V I S D L N R K N L I C W A E N D P V P N M Y W D V G N L Y S K H M N E T - - - S H T Q G - S L R I T N I S S D D S G K Q I S C V A E N L P L P D V D W I V T G L O S I N T H Q T N L N W T N V H A I N L T L V N V I S E D N G F T T I C I A E N V			
<hr/>			
Immunoglobulin			
G L E Q A G W I L T E L E Q S A T V H K S - - - G G L P S L G L T I A N V I S D L N R K N L I C W A E N D P V P N M Y W D V G N L Y S K H M N E T - - - S H T Q G - S L R I T N I S S D D S G K Q I S C V A E N L P L P D V D W I V T G L O S I N T H Q T N L N W T N V H A I N L T L V N V I S E D N G F T T I C I A E N V			

FIG. 16A

<i>trkA</i>	271	V G R A E V S V O V N V S F P A S V Q - L H T A V E M H H W C I P F S V D G O P A P S L R W L	Immunoglobulin II
<i>trkB</i>	272	V G E D Q D S V N L T V H F A P T I T F L E S P T S D H H W C I P F T V K G N P K P A L O W F	
<i>trkC</i>	290	V G M S N A S V A L T V Y Y P P R V V S L E E P E L R L E H C I E F V V R G N P P T L H W L	
<hr/>			
<i>trkA</i>	370	A S A S I M A A F M - - - - - D N P F - - - - - E F - N P E D P I P D I N S - - - -	Transmembrane
<i>trkB</i>	370	D E K Q I S A H F M G W P G I D D G A N P N Y P D V I Y E D Y G I A A N D I G D I T I N R S N E	
<i>trkC</i>	387	A N O T I N G H F L - - - - - K E P P P E S T - D N F - I I F D E V S P T - - - -	
<hr/>			
<i>trkA</i>	446	- T S G D P V E K K D E T - - - P F G V S V A V G L A V F A C L F L S T I L L L Y L N K C G R R N K F G I N	Juxtamembrane
<i>trkB</i>	466	I P S T D V T D K T G R E H L S V Y A V V V I A S V V G F - C - L L V M L F L L - - K L A R H S K F G M K	
<i>trkC</i>	466	- P P I T V T H K P E E D - - T F G V S I A V G L A A F A C V Y L L V V L F V M I N K Y G R R S K F G M K	
<hr/>			
<i>trkA</i>	446	R P - A V L A P E D G L A M S L H F M T L G G S S L S P T E - G K G S G L O G - - - H I I E	
<i>trkB</i>	466	G P A S V I S N D D S A S S P L H H I S N G S N T P S S S E G G P D A V I I G M I K I P V I E	
<i>trkC</i>	466	G P V A V I S G E E D D S A S S P L H H I N H G I T T P S S L D A G P D T V V I G M I R I P V I E	
<hr/>			
<i>trkA</i>	N P Q Y F - - - - -	S D A C V H H I K R R D I V L K W E L G E G A F G K V F L A E C H N L L P E O D	
<i>trkB</i>	N P Q Y F G I T I N S O L K P D I F V O Q H I K R H N I V L K R E L G E G A F G K V F L A E C Y N L C P E O D		
<i>trkC</i>	N P Q Y F R Q G H N C H K P D I Y V O H I K R R D I V L K R E L G E G A F G K V F L A E C Y N L S P I K D		

FIG. 16B

<i>trkA</i>	532	K M L V A Y K A L K E A S E S A R O D F O R E A E L L I M L O Q H I V R F F G V C T E G R P
<i>trkB</i>	566	K I L V A V K I L K D A S D N A R K D F H R E A E L L T N L Q H E H I V K F Y G V C V E G D P
<i>trkC</i>	566	K M L V A V K A L K D P T L A A R K D F O R E A E L L T N L Q H E H I V K F Y G V C G D G D P
<hr/>		
Tyrosine Kinase		
<i>trkA</i>	631	G M V Y L A G G L H F V H R D L A I T R N C L V G Q G L V Y K I G D F G M S R D I Y S T D Y Y R -
<i>trkB</i>	663	G M V Y L A S Q H F V H R D L A I T R N C L V G E N L L V K I G D F G M S R D V Y S T D Y Y R -
<i>trkC</i>	666	G M V Y L A S Q H F V H R D L A I T R N C L V G A N L L V K I G D F G M S R D V Y S T D Y Y R L
<hr/>		
<i>trkA</i>	-	- - - - - V G G R I T M L P I R W M P P E S I L Y R K F T I T E S D Y W S F G V V L W E I F I
<i>trkB</i>	-	- - - - - V G G H T M L P I R W M P P E S I M Y R K F T I T E S D Y W S L G V V L W E I F I
<i>trkC</i>	-	F N P S G N D F C I W C E V G G H T M L P I R W M P P E S I M Y R K F T I T E S D Y W S F G V I L W E I F I
<hr/>		
<i>trkA</i>	717	Y G K O P W Y Q L S N T E A I D C I T O G R E L E R P R A C P P E V Y A I M R G C W O R E P O
<i>trkB</i>	749	Y G K O P W Y Q L S N N E V I E C I T O G R V L Q R P R T C P O E V Y E L M L G C W O R E P H
<i>trkC</i>	766	Y G K O P W F Q L S N T E V I E C I T O G R V L E R P R V C P K E V Y D V M L G C W O R E P O
<hr/>		
ORH SIKDYHARLQALAQAPPVYL DYLG MRKNIKGIHTLLONLAKASPVYLDILG ORLNIIKEIYKILHALGKATPIYLDILG		

FIG. 16C

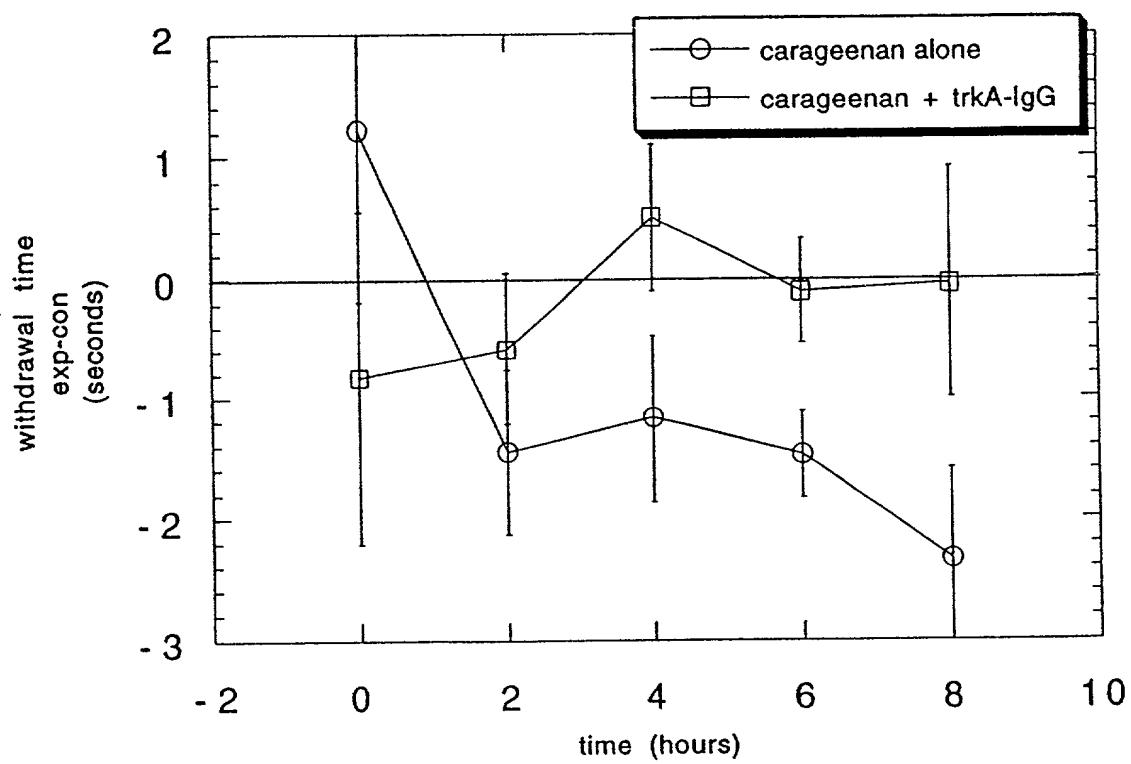


FIG. 17

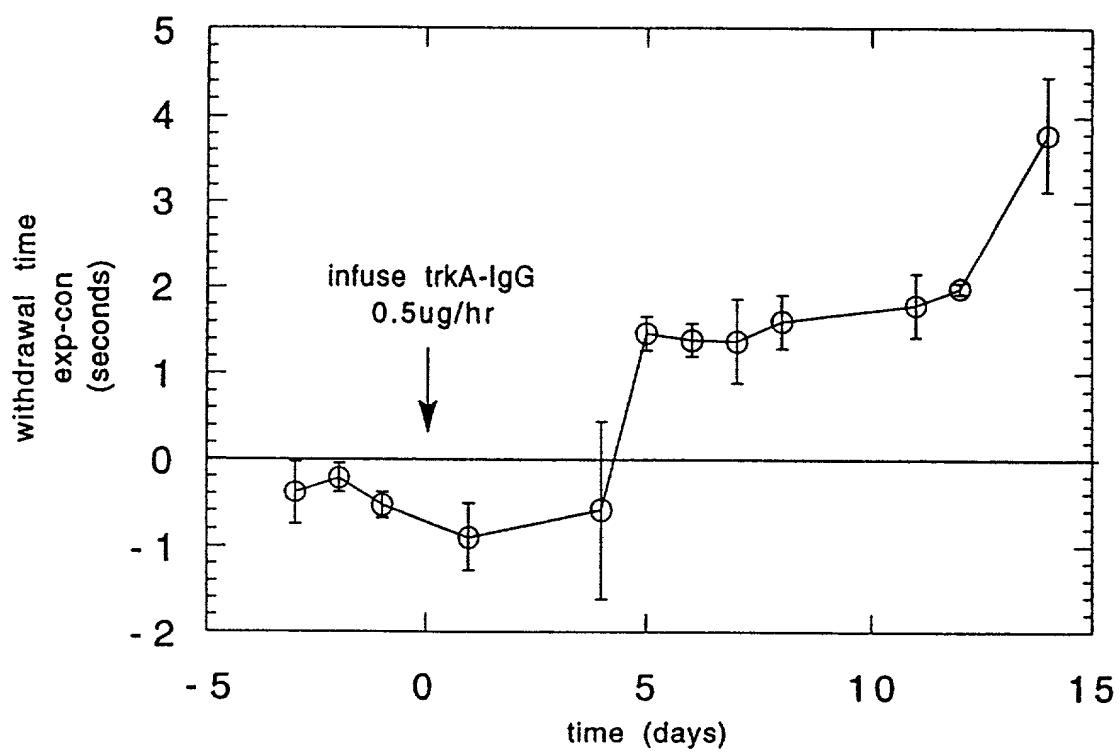


FIG. 18